

DATE: 4/30/15

Operator: Stephen Mazich

The equipment used for this test was the Motor Control System(MCS). The goal of the test was to measure the energy dissipated as heat into the oil. A rough calculated value of 0.8°C/min rise in oil temperature at 10HP. The VSCADA software was used for this test.

Note: Horsepower was lower than anticipated due to a calculation error. Roughly 4HP

Time	Oil Temp °F	MC Temp °C	Motor Temp °C
0	81.7	27	38
1	83.1	28	42
2	83.6	28	44
3			
4	84.4	29	44
5	85.1	29	46
6	85.7	30	47
7	86.1	30	49
8	86.7	30	49
9	87.3	31	51
10	87.9	31	51

Voltage: 89.6

Current: 43.2